

AUTHOR INDEX

- Adamson, A.H., *see* Givens, D.I. et al.
- Ahn, J.H., Robertson, B.M., Elliott, R., Gutteridge, R.C. and Ford, C.W. (St. Lucia, Qld., Australia)
 Quality assessment of tropical browse legumes: tannin content and protein degradation .. 147
- Allee, G.L., *see* Zhu, X.S. et al.
- Andries, J.I., *see* De Boever, J.L. et al.
- Baigent, D.R., *see* Batterham, E.S. et al.
- Batterham, E.S., Saini, H.S. and Baigent, D.R. (Wollongbar, N.S.W., Australia)
 The effect of rate of feeding on the nutritional value of three triticale cultivars for growing pigs 317
- Beauchemin, K.A. and Buchanan-Smith, J.G. (Guelph, Ont., Canada)
 Evaluation of markers, sampling sites and models for estimating rates of passage of silage or hay in dairy cows 59
- Boer, H., *see* Tamminga, S. et al.
- Bogaert, C., Gomez, L., Jouany, J.P. (Ceyrat, France) and Jeminet, G. (Aubiere, France)
 Effects of the ionophore antibiotics lasalocid and cationomycin on ruminal fermentation in vitro (RUSITEC) 1
- Brown, D.L., *see* Shqueir, A.A. et al.
- Buchanan-Smith, J.G., *see* Beauchemin, K.A. and Buchanan-Smith, J.G.
- Buyse, F.X., *see* De Boever, J.L. et al.
- Casler, M.D., *see* Collins, M. and Casler, M.D.
- Chen, T.C. and Day, E.J. (Mississippi State, MS, U.S.A.)
 Effect of carrier on the release of gentian violet from antifungal additives in poultry feed 83
- Cherian, G., Sauer, W.C. (Edmonton, Alb., Canada) and Thacker, P.A. (Saskatoon, Sask., Canada)
 Factors affecting the apparent digestibility of protein for swine when determined by the mobile nylon bag technique 137
- Collins, M. (Lexington, KY, U.S.A.) and Casler, M.D. (Madison, WI, U.S.A.)
 Forage quality of five cool-season grasses. I. Cultivar effects 197
 Forage quality of five cool-season grasses. II. Species effects 209
- Cottyn, B.G., *see* De Boever, J.L. et al.
- Darcy-Vrillon, B. and Laplace, J.P. (Jouy-en-Josas, France)
 Digesta collection procedure may affect ileal digestibility in pigs fed diets based on wheat bran or beet pulp 307
- Day, E.J., *see* Chen, T.C. and Day, E.J.
- De Boever, J.L., Andries, J.I., De Brabander, D.L., Cottyn, B.G. and Buyse, F.X. (Melle-Gontrode, Belgium)
 Chewing activity of ruminants as a measure of physical structure - a review of factors affecting it 281
- De Brabander, D.L., *see* De Boever, J.L. et al.
- Dhanoa, M.S., *see* Mason, V.C. et al.
- Djajanegara, A. and Doyle, P.T. (Parkville, Vic., Australia)
 Urea supplementation compared with pretreatment. 1. Effects on intake, digestion and live-weight change by sheep fed a rice straw 17
 Urea supplementation compared with pretreatment. 2. Effects on ruminal and post-ruminal digestion in sheep fed a rice straw 31

- Doyle, P.T., *see* Djajanegara, A. and Doyle, P.T.
- Elliott, R., *see* Ahn, J.H. et al.
- Everington, J.M., *see* Givens, D.I. et al.
- Farrell, D.F., *see* Warren, B.E. and Farrell, D.F.
- Ford, C.W., *see* Ahn, J.H. et al.
- Givens, D.I., Everington, J.M. (Stratford-on-Avon, Gt. Britain) and Adamson, A.H. (Bristol, Gt. Britain)
- The nutritive value of sprint-grown herbage produced on farms throughout England and Wales over four years. I. The effect of stage of maturity and other factors on chemical composition, apparent digestibility and energy values 157
- The nutritive value of spring-grown herbage produced on farms throughout England and Wales over 4 years. II. The prediction of apparent digestibility in vivo from various laboratory measurements 173
- The nutritive value of spring-grown herbage produced on farms throughout England and Wales over 4 years. III. The prediction of energy values from various laboratory measurements 185
- Gomez, L., *see* Bogaërt, C. et al.
- Gutteridge, R.C., *see* Ahn, J.H. et al.
- Hanczakowski, P., *see* Pisulewska, E. et al.
- Hartley, R.D., *see* Mason, V.C. et al.
- Jeminet, G., *see* Bogaërt, C. et al.
- Jouany, J.P., *see* Bogaërt, C. et al.
- Kadirvel, R., *see* Natanam, R. et al.
- Karangwa, E., *see* Mahmoudzadeh, H. et al.
- Keene, A.S., *see* Mason, V.C. et al.
- Klasing, K.C., *see* Shqueir, A.A. et al.
- Laplace, J.P., *see* Darcy-Vrillon, B. and Laplace, J.P.
- Liang, Y.T., *see* Zhu, X.S. et al.
- Mahmoudzadeh, H., Karangwa, E., Mitchell Jr., G.E., Muntifering, R.B. and Tucker, R.E. (Lexington, KY, U.S.A.)
- Post-ruminal digestion of starch in the presence of phenolic monomers 111
- Mason, V.C., Dhanoa, M.S., Hartley, R.D. and Keen, A.S. (Maidenhead, Gt. Britain)
- Relationships between chemical composition, digestibility in vitro and cell-wall degradability of wheat straw treated with different amounts of ammonia and water at elevated temperature 293
- Meijs, S., *see* Tamminga, S. et al.
- Mills, P.A., *see* Wittenberg, K.M. et al.
- Miron, J. (Bet Dagan, Israel) and Yokoyama, M.T. (East Lansing, MI, U.S.A.)
- Ozone-treated lucerne hay as a model to study lucerne degradation and utilization by rumen bacteria 269
- Mitchell Jr., G.E., *see* Mahmoudzadeh, H. et al.
- Moshtaghi-Nia, S.A., *see* Wittenberg, K.M. et al.
- Muntifering, R.B., *see* Mahmoudzadeh, H. et al.
- Natanam, R., Kadirvel, R., Viswanathan, K. (Madras, India)
- The effect of karanja (*Pongamia glabra* Vent) cake on the performance of White Leghorn pullets 89
- Natanam, R., Kadirvel, R. and Ravi, R. (Madras, India)
- The toxic effects of karanja (*Pongamia glabra* Vent) oil and cake on growth and feed efficiency in broiler and chicks 95
- Pisulewska, E. (Krakow, Poland), Hanczakowski, P. and Pisulewski, P. (Balice, Poland)
- Yield, composition and nutritive value of leaf protein concentrates from mixed forages of cereals and legumes 117

- Pisulewski, P., *see* Pisulewska, E. et al.
 Platford, R.G., *see* Wittenberg, K.M. et al.
 Ravi, R., *see* Natanam, R. et al.
 Rivkin, I., *see* Shqueir, A.A. et al.
 Robertson, B.M., *see* Ahn, J.H. et al.
 Robinson, P.H., *see* Tamminga, S. et al.
 Saini, H.S., *see* Batterham, E.S. et al.
 Sauer, W.C., *see* Cherian, G. et al.
 Seib, P.A., *see* Zhu, X.S. et al.
 Shqueir, A.A. (Bethlehem, Israel), Brown, D.L., Taylor, S.J., Rivkin, I. and Klasing, K.C. (Davis, CA, U.S.A.)
 Effects of solvent extractions, heat treatments and added cholesterol on *Sesbania sesban* toxicity in growing chicks 127
 Stilborn, H.L. and Waldroup, P.W. (Fayetteville, AR, U.S.A.)
 An evaluation of low-energy feedstuffs in diets for laying hens 327
 Tamminga, S., Meijis, S. and Boer, H. (Wageningen, The Netherlands) and Robinson, P.H. (Edmonton, Alb., Canada)
 Feed components as internal markers in digestion studies with dairy cows 49
 Taylor, S.J., *see* Shqueir, A.A. et al.
 Thacker, P.A., *see* Cherian, G. et al.
 Tserveni-Gousi, A.S., *see* Yannakopoulos, A.L. and Tserveni-Gousi, A.S.
 Tucker, R.E., *see* Mahmoudzadeh, H. et al.
 Viswanathan, K., *see* Natanam, R. et al.
 Waldroup, P.W., *see* Stilborn, H.L. and Waldroup, P.W.
 Warren, B.E. and Farrell, D.J. (Armidale, N.S.W., Australia)
 The nutritive value of full-fat and defatted Australian rice bran. I. Chemical composition 219
 The nutritive value of full-fat and defatted Australian rice bran II. Growth studies with chickens, rats and pigs 229
 The nutritive value of full-fat and defatted Australian rice bran. III. The apparent digestible energy content of defatted rice bran in rats and pigs and the metabolisability of energy and nutrients in defatted and full-fat bran in 247
 The nutritive value of full-fat and defatted Australian rice bran. IV. Egg production of hens on diets with defatted rice bran 259
 Wittenberg, K.M., Moshtaghi-Nia, S.A., Mills, P.A. and Platford, R.G. (Winnipeg, Man., Canada)
 Chitin analysis of hay as a means of determining fungal invasion during storage 101
 Yannakopoulos, A.L. and Tserveni-Gousi, A.S. (Thessaloniki, Greece)
 The effect of Greek cottonseed meal on the performance of laying Japanese Quail 77
 Yokoyama, M.T., *see* Miron, J. and Yokoyama, M.T.
 Zhu, X.S., Seib, P.A. (Manhattan, KS, U.S.A.), Allee, G.L. and Liang, Y.T. (Columbia, MO, U.S.A.)
 Preparation of a low-phytate feed mixture and bioavailability of its phosphorus to chicks 341